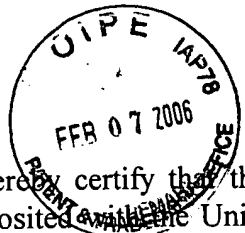


cofc

09/662 254



I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

on February 3, 2006

Glenn P. Ladwig
Glenn P. Ladwig, Patent Attorney

REQUEST FOR CERTIFICATE OF
CORRECTION UNDER 37 CFR 1.322
Docket No. UF-221C1XC1
Patent No. 6,933,145

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Richard W. Moyer, Yi Li
Issued : August 23, 2005
Patent No. : 6,933,145 B1
For : Materials and Methods for Delivery and Expression of Heterologous DNA
in Vertebrate Cells

ATTN: Certificates of Correction Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Certificate
FEB 13 2006
of Correction

REQUEST FOR CERTIFICATE OF CORRECTION
UNDER 37 CFR 1.322 (OFFICE MISTAKE)

Sir:

A Certificate of Correction (in duplicate) for the above-identified patent has been prepared and is attached hereto.

In the left-hand column below is the column and line number where errors occurred in the patent. In the right-hand column is the page and line number in the application where the correct information appears.

FEB 13 2006

Patent Reads:

(*) Notice (front page of patent):

"Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days."

Column 1, line 50:

"cup genes"

Column 4, line 14:

"concernscells"

Column 4, line 36:

"phololyase"

Column 5, line 45:

"30 min. then"

Column 6, line 24:

"genome, (A)"

Column 6, line 50:

"Brief Description of the Sequence"

Column 8, lines 45-46:

"phosphorylase 1 (NPH I)"

Column 9, line 30:

"consensus"

Column 9, lines 37-38:

"proteins. (2)"

Column 10, line 65:

"such as lucZ"

Column 11, line 24:

"excellent-vector"

Application Reads:

(*) Notice (front page of patent) should read:

--Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

This patent is subject to a terminal disclaimer.--

Page 2, line 7:

--cap genes--

Page 6, line 4:

--concerns cells--

Page 6, line 19:

--photolyase--

Page 8, line 12:

--30 min, then--

Page 9, line 12:

--genome. (A)--

Page 10, line 1:

--Brief Description of the Sequences--

See Amendment dated 05/16/01, page 7:

--phosphorylase I (NPH I)--

See Amendment dated 07/31/03, page 2:

--consensus--

Page 11, lines 18-19:

--proteins, (2)--

Page 13, line 24:

--such as lacZ--

Page 14, line 12:

--excellent vector--

Patent Reads:

Column 11, line 40:
"expression of AMEPV"

Column 11, line 47:
"as a sector"

Column 12, line 50:
"repeals"

Column 13, line 12:
"Ba^a"

Column 15, line 19:
"AF063886"

Column 15, line 29:
"AF021176"

Column 15, line 38:
"69546-68505"

Column 15, line 52:
"helicase (tBR)"

Column 15, line 54:
"82"

Column 15, line 55:
"76827-77028"

Column 15, line 60:
"AF083866"

Column 15, line 63:
"83288-82440"

Column 15, line 63:
"AF083868"

Application Reads:

Page 14, line 23:
--expression of AmEPV--

Page 14, line 28:
--as a vector--

Page 16, line 17:
--repeats--

Page 17, line 12:
--aa^a--

Page 18, line 41:
--AF063866--

Page 18, line 51:
--AF022176--

Page 19, line 6
--69548-68505--

Page 19, line 18:
--helicase (I8R)--

Page 19, line 20:
--62--

Page 19, line 21:
--76627-77028--

Page 19, line 25:
--AF063866--

Page 19, line 28:
--83228-82440--

Page 19, line 28:
--AF063866--

Patent Reads:

Column 15, line 76:
"90120-69695"

Column 16, line 7:
"808"

Column 16, line 23:
"288"

Column 17, line 54:
"128909-130115"

Column 17, line 77:
"F. neoformas polyubiquitin"

Column 17, line 77:
"ubiquitin"

Column 17, line 78:
"148669-146316"

Column 19, line 9:
"MSV113 VETF-3 (D6R)"

Column 19, line 11:
"HaEPV orf5"

Column 19, line 41:
"MSV162 NAD-dep DNA ligase"

Column 20, line 33:
"874"

Column 21, line 6:
"198415-195996"

Column 21, line 15:
"200248-198973"

Application Reads:

Page 19, line 40:
--90120-89695--

Page 18, line 31:
--608--

Page 18, line 45:
--286--

Page 20, line 34:
--129909-130115--

Page 21, line 5:
--F. neoformas polyubiquitin--

Page 21, line 5:
--ubiquitin--

Page 21, line 6:
--146669-146316--

Page 21, line 12:
--MSV113 VETF-s (D6R)--

Page 21, line 14:
--HaEPV orf6--

Page 21, line 42:
--MSV162 NAD+dep DNA ligase--

Page 21, line 35:
--674--

Page 22, line 27:
--196415-195996--

Page 22, line 34:
--200248-199973--

FEB 13 2006

Patent Reads:

Column 21, line 33:
"298261-208905"

Column 22, line 61:
"co-linearcore"

Column 22, line 64:
"(VV)."

Column 23, lines 38-39:
"Virol. 71 :9557"

Column 23, lines 48-49:
"Hoia-Mitchell"

Column 24, line 47:
"Identification.cloning"

Column 26, line 6:
"533-552). 6kb"

Column 29, line 13:
"181"

Column 29, line 66:
"lyrosine"

Column 31, line 40:
"Am EPV"

Column 32, line 42:
"MSV 196"

Column 33, line 12:
"residues. AMV076"

Column 35, line 16:
"2'-methylation"

Application Reads:

Page 22, line 50:
--208261-208905--

Page 23, line 36:
--co-linear core--

Page 24, line 2:
--(VV),--

Page 24, line 29:
--J. Virol. 71:9557--

Page 25, line 6:
--Hota-Mitchell--

Page 26, line 16:
--Identification, cloning--

Page 28, line 15:
--533-552), 6kb--

Page 31, line 22:
--161--

Page 32, line 21:
--tyrosine--

Page 34, line 24:
--AmEPV--

Page 36, line 9:
--MSV196--

Page 37, line 7:
--residues, AMV076--

Page 40, line 13:
--2'O-methylation--

Patent Reads:

Column 35, line 66:
"Y-1-G-S-X-X"

Column 37, line 52:
"Vileinskas, A."

Column 38, line 14:
"inflammation"

Column 38, line 17:
"Serpins. In"

Column 41, line 63:
"associate Keith"

Column 42, line 4:
"reaction. PCR"

Column 54, line 61:
"50 µl total"

Column 55, line 53:
"Oligonucleotideprimers"

Column 57, line 20:
"muzyczika"

Column 57, lines 42-43:
"modification oft an"

Column 59, line 8:
"factors in trains"

Column 60, line 66:
"gene transfervector"

Column 61, lines 17-18:
"IFN-'/β. IFN-(.TNF"

Application Reads:

Page 41, line 17:
--Y-I-G-S-X-X--

Page 44, line 10:
--Vilcinskas, A.--

Page 44, line 29:
--inflammation--

Page 45, line 2:
--Serpins, In--

Page 50, line 27:
--associate with--

Page 51, line 4:
--reaction, PCR--

Page 71, line 22:
--50 µl total--

Page 73, line 6:
--Oligonucleotide primers--

Page 75, line 14:
--muzyczka--

Page 75, line 29:
--modification of an--

Page 78, line 7:
--factors in trans--

Page 80, line 23:
--gene transfer vector--

Page 81, lines 6-7:
--IFN-"/β, IFN-(,TNF--

Patent Reads:

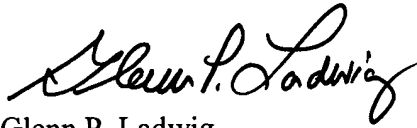
Column 63, line 12:
"according to claim 1"

Application Reads:

Allowed Claim 78 (re-numbered as Claim 3)
depends from allowed Claim 77 (re-numbered as
Claim 2):
--according to claim 2--

Approval of the Certificate of Correction is respectfully requested.

Respectfully submitted,



Glenn P. Ladwig
Patent Attorney
Registration No. 46,853
Phone No.: 352-375-8100
Fax No.: 352-372-5800
Address: P.O. Box 142950
Gainesville, FL 32614-2950

GPL/mv

Attachments: Certificate of Correction in duplicate

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 6,933,145 ^β₁
 APPLICATION NO. : 09/662,254
 ISSUE DATE : August 23, 2005
 INVENTOR(S) : Richard W. Moyer, Yi Li

Page 1 of 9

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

(*) Notice (front page of patent)

“Subject to any disclaimer, should read
 the term of this patent is
 extended or adjusted under
 35 U.S.C. 154(b) by 0
 days.”

--Subject to any disclaimer,
 the term of this patent is
 extended or adjusted under 35
 U.S.C. 154(b) by 0 days.
 This patent is subject to a
 terminal disclaimer.--

Column 1,

Line 50, “cup genes” should read --cap genes--.

Column 4

Line 14, “concernscells” should read --concerns cells--.

Line 36, “phololyase” should read --photolyase--.

Column 5

Line 45, “30 min. then” should read --30 min, then--.

MAILING ADDRESS OF SENDER:

Saliwanchik, Lloyd & Saliwanchik
 P.O. Box 142950
 Gainesville, FL 32614-2950

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

FEB 13 2006

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 6,933,145 ^{BI}
 APPLICATION NO. : 09/662,254
 ISSUE DATE : August 23, 2005
 INVENTOR(S) : Richard W. Moyer, Yi Li

Page 2 of 9

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 6

Line 24, "genome, (A)" should read --genome. (A)--.

Line 50, "Brief Description of the Sequence" should read --Brief Description of the Sequences--.

Column 8

Lines 45-46, "phosphorylase 1 (NPH I)" should read --phosphorylase I (NPH I)--.

Column 9

Line 30, "consensus" should read --consensus--.

Lines 37-38, "proteins. (2)" should read --proteins, (2)--.

Column 10

Line 65, "such as lucZ" should read --such as lacZ--.

Column 11

Line 24, "excellent-vector" should read --excellent vector--.

Line 40, "expression of AMEPV" should read --expression of AmEPV--.

Line 47, "as a sector" should read --as a vector--.

MAILING ADDRESS OF SENDER:

Saliwanchik, Lloyd & Saliwanchik
 P.O. Box 142950
 Gainesville, FL 32614-2950

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

FEB 13 2006

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

PATENT NO. : 6,933,145 *Bi*
APPLICATION NO. : 09/662,254
ISSUE DATE : August 23, 2005
INVENTOR(S) : Richard W. Moyer, Yi Li

Page 3 of 9

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 12

Line 50, "repeals" should read --repeats--.

Column 13

Line 12, "Ba^a" should read --aa^a--.

Column 15

Line 19, "AF063886" should read --AF063866--.

Line 29, "AF021176" should read --AF022176--.

Line 38, "69546-68505" should read --69548-68505--.

Line 52, "helicase (tBR)" should read --helicase (I8R)--.

Line 54, "82" should read --62--.

Line 55, "76827-77028" should read --76627-77028--.

Line 60, "AF083866" should read --AF063866--.

MAILING ADDRESS OF SENDER:

Saliwanchik, Lloyd & Saliwanchik
P.O. Box 142950
Gainesville, FL 32614-2950

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

FEB 13 2006

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

PATENT NO. : 6,933,145 β i
APPLICATION NO. : 09/662,254
ISSUE DATE : August 23, 2005
INVENTOR(S) : Richard W. Moyer, Yi Li

Page 4 of 9

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 15

Line 63, "83288-82440" should read --83228-82440--.

Line 63, "AF083868" should read --AF063866--.

Line 76, "90120-69695" should read --90120-89695--.

Column 16

Line 7, "808" should read --608--.

Line 23, "288" should read --286--.

Column 17

Line 54, "128909-130115" should read --129909-130115--.

Line 77, "F. neoformas polyubiqurtin" should read --F. neoformas polyubiquitin--.

Line 77, "ubiqurtin" should read --ubiquitin--.

Line 78, "148669-146316" should read --146669-146316--.

MAILING ADDRESS OF SENDER:

Saliwanchik, Lloyd & Saliwanchik
P.O. Box 142950
Gainesville, FL 32614-2950

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

FEB 13 2006

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

PATENT NO. : 6,933,145 **β1**
APPLICATION NO. : 09/662,254
ISSUE DATE : August 23, 2005
INVENTOR(S) : Richard W. Moyer, Yi Li

Page 5 of 9

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 19

Line 9, "MSV113 VETF-3 (D6R)" should read --MSV113 VETF-s (D6R)--.

Line 11, "HaEPV orf5" should read --HaEPV orf6--.

Line 41, "MSV162 NAD-dep DNA ligase" should read --MSV162 NAD+dep DNA ligase--.

Column 20

Line 33, "874" should read --674--.

Column 21

Line 6, "198415-195996" should read --196415-195996--.

Line 15, "200248-198973" should read --200248-199973--.

Line 33, "298261-208905" should read --208261-208905--.

Column 22

Line 61, "co-linearcore" should read --co-linear core--.

Line 64, "(VV)." should read --(VV),--.

MAILING ADDRESS OF SENDER:

Saliwanchik, Lloyd & Saliwanchik
P.O. Box 142950
Gainesville, FL 32614-2950

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

FEB 13 2006

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 6,933,145 β i
 APPLICATION NO. : 09/662,254
 ISSUE DATE : August 23, 2005
 INVENTOR(S) : Richard W. Moyer, Yi Li

Page 6 of 9

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 23

Lines 38-39, "*Virol.* 71 :9557" should read --*J. Virol.* 71:9557--.

Lines 48-49, "Hoia-Mitchell" should read --Hota-Mitchell--.

Column 24

Line 47, "Identification.cloning" should read --Identification, cloning--.

Column 26

Line 6, "533-552). 6kb" should read --533-552), 6kb--.

Column 29

Line 13, "181" should read --161--.

Line 66, "lyrosine" should read --tyrosine--.

Column 31

Line 40, "Am EPV" should read --AmEPV--.

Column 32

Line 42, "MSV 196" should read --MSV196--.

MAILING ADDRESS OF SENDER:

Saliwanchik, Lloyd & Saliwanchik
 P.O. Box 142950
 Gainesville, FL 32614-2950

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

FEB 13 2006

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

PATENT NO. : 6,933,145 **B1**
APPLICATION NO. : 09/662,254
ISSUE DATE : August 23, 2005
INVENTOR(S) : Richard W. Moyer, Yi Li

Page 7 of 9

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 33

Line 12, "residues. AMV076" should read --residues, AMV076--.

Column 35

Line 16, "2'-methylation" should read --2'O-methylation--.

Line 66, "Y-I-G-S-X-X" should read --Y-I-G-S-X-X--.

Column 37

Line 52, "Vileinskas, A." should read --Vilcinskaskas, A.--.

Column 38

Line 14, "inflamnation" should read --inflammation--.

Line 17, "Serpins. In" should read --Serpins, In--.

Column 41

Line 63, "associate Keith" should read --associate with--.

Column 42

Line 4, "reaction. PCR" should read --reaction, PCR--.

MAILING ADDRESS OF SENDER:

Saliwanchik, Lloyd & Saliwanchik
P.O. Box 142950
Gainesville, FL 32614-2950

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

FEB 13 2006

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 6,933,145 *βi*
 APPLICATION NO. : 09/662,254
 ISSUE DATE : August 23, 2005
 INVENTOR(S) : Richard W. Moyer, Yi Li

Page 8 of 9

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 54

Line 61, "50 μl total" should read --50 μl total--.

Column 55

Line 53, "Oligonucleotideprimers" should read --Oligonucleotide primers--.

Column 57

Line 20, "muzyczika" should read --muzyczka--.

Lines 42-43, "modification oft an" should read --modification of an--.

Column 59

Line 8, "factors in trains" should read --factors in trans--.

Column 60

Line 66, "gene transfervector" should read --gene transfer vector--.

Column 61

Lines 17-18, "IFN-'/β.IFN-(.TNF" should read --IFN-"/β, IFN-(,TNF--.

MAILING ADDRESS OF SENDER:

Saliwanchik, Lloyd & Saliwanchik
 P.O. Box 142950
 Gainesville, FL 32614-2950

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

FEB 13 2006

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

PATENT NO. : 6,933,145 *Bi*
APPLICATION NO. : 09/662,254
ISSUE DATE : August 23, 2005
INVENTOR(S) : Richard W. Moyer, Yi Li

Page 9 of 9

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 63

Line 12, "according to claim 1" should read --according to claim 2--.

MAILING ADDRESS OF SENDER:
Saliwanchik, Lloyd & Saliwanchik
P.O. Box 142950
Gainesville, FL 32614-2950

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

FEB 13 2006

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 6,933,145 *Bi*
 APPLICATION NO. : 09/662,254
 ISSUE DATE : August 23, 2005
 INVENTOR(S) : Richard W. Moyer, Yi Li

Page 1 of 9

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

(*) Notice (front page of patent)

“Subject to any disclaimer, should read
 the term of this patent is
 extended or adjusted under
 35 U.S.C. 154(b) by 0
 days.”

--Subject to any disclaimer,
 the term of this patent is
 extended or adjusted under 35
 U.S.C. 154(b) by 0 days.
 This patent is subject to a
 terminal disclaimer.--

Column 1,

Line 50, “cup genes” should read --cap genes--.

Column 4

Line 14, “concernscells” should read --concerns cells--.

Line 36, “phololyase” should read --photolyase--.

Column 5

Line 45, “30 min. then” should read --30 min, then--.

MAILING ADDRESS OF SENDER:
 Saliwanchik, Lloyd & Saliwanchik
 P.O. Box 142950
 Gainesville, FL 32614-2950

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

FEB 13 2006

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 6,933,145 ⁸¹
 APPLICATION NO. : 09/662,254
 ISSUE DATE : August 23, 2005
 INVENTOR(S) : Richard W. Moyer, Yi Li

Page 2 of 9

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 6

Line 24, "genome, (A)" should read --genome. (A)--.

Line 50, "Brief Description of the Sequence" should read --Brief Description of the Sequences--.

Column 8

Lines 45-46, "phosphorylase 1 (NPH I)" should read --phosphorylase I (NPH I)--.

Column 9

Line 30, "consensus" should read --consensus--.

Lines 37-38, "proteins. (2)" should read --proteins, (2)--.

Column 10

Line 65, "such as lucZ" should read --such as lacZ--.

Column 11

Line 24, "excellent-vector" should read --excellent vector--.

Line 40, "expression of AMEPV" should read --expression of AmEPV--.

Line 47, "as a sector" should read --as a vector--.

MAILING ADDRESS OF SENDER:

Saliwanchik, Lloyd & Saliwanchik
 P.O. Box 142950
 Gainesville, FL 32614-2950

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

FEB 13 2006

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

PATENT NO. : 6,933,145 *Bi*
APPLICATION NO. : 09/662,254
ISSUE DATE : August 23, 2005
INVENTOR(S) : Richard W. Moyer, Yi Li

Page 3 of 9

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 12

Line 50, "repeals" should read --repeats--.

Column 13

Line 12, "Ba^a" should read --aa^a--.

Column 15

Line 19, "AF063886" should read --AF063866--.

Line 29, "AF021176" should read --AF022176--.

Line 38, "69546-68505" should read --69548-68505--.

Line 52, "helicase (tBR)" should read --helicase (I8R)--.

Line 54, "82" should read --62--.

Line 55, "76827-77028" should read --76627-77028--.

Line 60, "AF083866" should read --AF063866--.

MAILING ADDRESS OF SENDER:

Saliwanchik, Lloyd & Saliwanchik
P.O. Box 142950
Gainesville, FL 32614-2950

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

FEB 13 2006

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

PATENT NO. : 6,933,145 *B1*
APPLICATION NO. : 09/662,254
ISSUE DATE : August 23, 2005
INVENTOR(S) : Richard W. Moyer, Yi Li

Page 4 of 9

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 15

Line 63, "83288-82440" should read --83228-82440--.

Line 63, "AF083868" should read --AF063866--.

Line 76, "90120-69695" should read --90120-89695--.

Column 16

Line 7, "808" should read --608--.

Line 23, "288" should read --286--.

Column 17

Line 54, "128909-130115" should read --129909-130115--.

Line 77, "F. neoformas polyubiqurtin" should read --F. neoformas polyubiquitin--.

Line 77, "ubiqurtin" should read --ubiquitin--.

Line 78, "148669-146316" should read --146669-146316--.

MAILING ADDRESS OF SENDER:
Saliwanchik, Lloyd & Saliwanchik
P.O. Box 142950
Gainesville, FL 32614-2950

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

FEB 13 2006

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

PATENT NO. : 6,933,145 *bi*
APPLICATION NO. : 09/662,254
ISSUE DATE : August 23, 2005
INVENTOR(S) : Richard W. Moyer, Yi Li

Page 5 of 9

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 19

Line 9, "MSV113 VETF-3 (D6R)" should read --MSV113 VETF-s (D6R)--.

Line 11, "HaEPV orf5" should read --HaEPV orf6--.

Line 41, "MSV162 NAD-dep DNA ligase" should read --MSV162 NAD+dep DNA ligase--.

Column 20

Line 33, "874" should read --674--.

Column 21

Line 6, "198415-195996" should read --196415-195996--.

Line 15, "200248-198973" should read --200248-199973--.

Line 33, "298261-208905" should read --208261-208905--.

Column 22

Line 61, "co-linearcore" should read --co-linear core--.

Line 64, "(VV)." should read --(VV),--.

MAILING ADDRESS OF SENDER:

Saliwanchik, Lloyd & Saliwanchik
P.O. Box 142950
Gainesville, FL 32614-2950

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

FEB 13 2006

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

PATENT NO. : 6,933,145 *Bi*
APPLICATION NO. : 09/662,254
ISSUE DATE : August 23, 2005
INVENTOR(S) : Richard W. Moyer, Yi Li

Page 6 of 9

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 23

Lines 38-39, "*Virol. 71 :9557*" should read --*J. Virol. 71:9557*--.

Lines 48-49, "*Hoia-Mitchell*" should read --*Hota-Mitchell*--.

Column 24

Line 47, "*Identification.cloning*" should read --*Identification, cloning*--.

Column 26

Line 6, "*533-552). 6kb*" should read --*533-552), 6kb*--.

Column 29

Line 13, "*181*" should read --*161*--.

Line 66, "*lyrosine*" should read --*tyrosine*--.

Column 31

Line 40, "*Am EPV*" should read --*AmEPV*--.

Column 32

Line 42, "*MSV 196*" should read --*MSV196*--.

MAILING ADDRESS OF SENDER:

Saliwanchik, Lloyd & Saliwanchik
P.O. Box 142950
Gainesville, FL 32614-2950

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

FEB 13 2006

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

PATENT NO. : 6,933,145 ^B
APPLICATION NO. : 09/662,254
ISSUE DATE : August 23, 2005
INVENTOR(S) : Richard W. Moyer, Yi Li

Page 7 of 9

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 33

Line 12, "residues. AMV076" should read --residues, AMV076--.

Column 35

Line 16, "2'-methylation" should read --2'O-methylation--.

Line 66, "Y-I-G-S-X-X" should read --Y-I-G-S-X-X--.

Column 37

Line 52, "Vileinskas, A." should read --Vilcinskas, A.--.

Column 38

Line 14, "inflamnation" should read --inflammation--.

Line 17, "Serpins. In" should read --Serpins, In--.

Column 41

Line 63, "associate Keith" should read --associate with--.

Column 42

Line 4, "reaction. PCR" should read --reaction, PCR--.

MAILING ADDRESS OF SENDER:

Saliwanchik, Lloyd & Saliwanchik
P.O. Box 142950
Gainesville, FL 32614-2950

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

FEB 13 2006

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 6,933,145 *B1*
 APPLICATION NO. : 09/662,254
 ISSUE DATE : August 23, 2005
 INVENTOR(S) : Richard W. Moyer, Yi Li

Page 8 of 9

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 54

Line 61, "50 μ I total" should read --50 μ l total--.

Column 55

Line 53, "Oligonucleotideprimers" should read --Oligonucleotide primers--.

Column 57

Line 20, "muzyczika" should read --muzyczka--.

Lines 42-43, "modification oft an" should read --modification of an--.

Column 59

Line 8, "factors in trains" should read --factors in trans--.

Column 60

Line 66, "gene transfervector" should read --gene transfer vector--.

Column 61

Lines 17-18, "IFN-' β .IFN-(.TNF" should read --IFN-' β , IFN-(,TNF--.

MAILING ADDRESS OF SENDER:

Saliwanchik, Lloyd & Saliwanchik
 P.O. Box 142950
 Gainesville, FL 32614-2950

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

FEB 13 2006

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

PATENT NO. : 6,933,145 **B1**
APPLICATION NO. : 09/662,254
ISSUE DATE : August 23, 2005
INVENTOR(S) : Richard W. Moyer, Yi Li

Page 9 of 9

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 63

Line 12, "according to claim 1" should read --according to claim 2--.

MAILING ADDRESS OF SENDER:

Saliwanchik, Lloyd & Saliwanchik
P.O. Box 142950
Gainesville, FL 32614-2950

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

FEB 13 2006